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Attention:	MAIL STOP AMENDMENT Group Art Unit: 2616 Examiner: CHIN, Wellington	Fax: (571) 273-8300
UNITED STATES PATENT AND TRADEMARK OFFICE		Phone: (571) 272-3134
Pages:	Cover + 2 + 1 = 4	Date: December 4, 2006
From:	Georgann S. Grunebach	Fax: (310) 964-0941
	Assistant General Counsel	Phone: (310) 964-4615

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A handwritten signature of Georgann S. Grunebach in black ink.

December 4, 2006  
(Date of Signature)

Telephone No. (310) 964-4615 (Printed Name of Person Signing Certificate)

Attention: Commissioner for Patents

Attorney Docket No. PD-201150

Please find attached Re:

Serial No.: 10/692,491

Filing Date: 10-24-2003

- INFORMATION DISCLOSURE STATEMENT (2 pages)
- SUBSTITUTE PTO FORM 1449 (1 page)

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Patent  
PD-201150  
Customer No. 020991

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: Ernest C. Chen

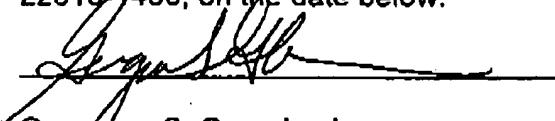
Serial No.: 10/692,491  
Filed: December 4, 2003

For: ONLINE OUTPUT MULTIPLEXER  
FILTER MEASUREMENT

Group Art Unit: 2616  
Examiner: CHIN, Wellington

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Georgann S. Grunebach  
Typed or printed name of person signing certificate

Date: December 4, 2006

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop Amendment  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

The references cited on the enclosed form PTO/SB/08A may be relevant or material to the examination of the above-identified patent application and are, therefore, submitted in compliance with the duty of disclosure defined in 37 CFR 1.56. It is respectfully requested that the references be considered and made of record in the application identified above.

This statement should be considered because it is being submitted before the mailing of a first Office action on the merits under 37 C.F.R. §1.97(b)(3). Accordingly, it is submitted that no fee is due in this matter.

However, if it is determined that any appropriate fee is due, the Commissioner is hereby authorized to charge Deposit Account No. 50-0383 of Hughes Electronics Corporation, El Segundo, California.

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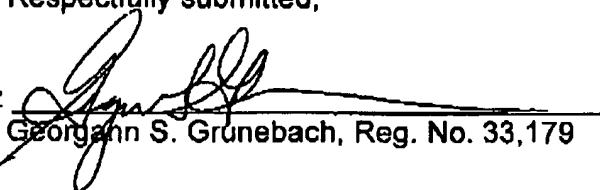
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Serial No. 10/692,491.....Page 2

This Information Disclosure Statement is not to be construed as a representation that a search has recently been made, that additional information material to the examination of this application does not exist, or that this citation constitutes prior art.

Respectfully submitted,

By:

  
Georgann S. Grunebach, Reg. No. 33,179

The DIRECTV Group, Inc.  
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P. O. Box 956  
El Segundo, CA 90245

Telephone No. (310) 964-4615

December 4, 2006

Substitute for form PTO/SB/08A  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		Complete if Known	
		Application Number	10/692,491
		Filing Date	October 24, 2003
		First Named Inventor	Ernest C. Chen
		Art Unit	2616
		Examiner Name	CHIN, Wellington
Date: December 4, 2006			
Sheet 1 of 1		Attorney Docket Number	PD-201150

<b>U.S. PATENT DOCUMENTS</b>					
Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-6,369,648	04-2002	Kirkman, George F.	
		US-6,477,398	11-2002	Mills, Randell L.	
		US-3,076,180	01-1963	Havens et al.	

<b>FOREIGN PATENT DOCUMENTS</b>					
Examiner Initials*	Cite No.	Foreign Patent Document Country Code-Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.